

PRIOR ART

FIG. 1

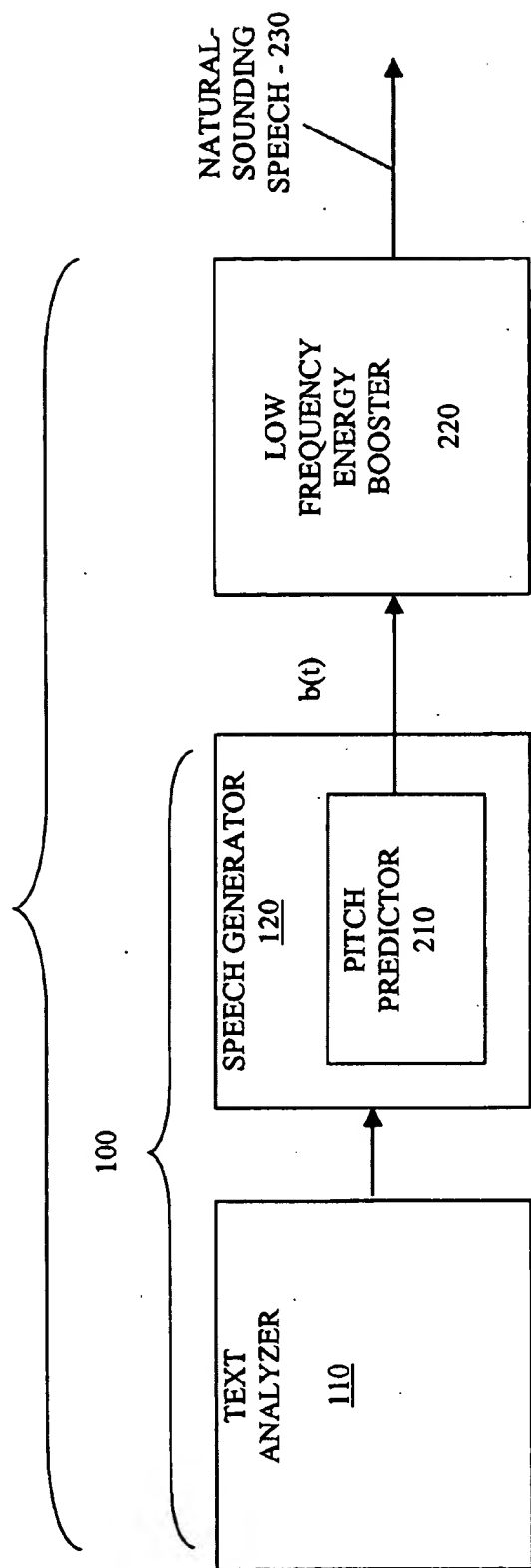


FIG. 2

09732122 120700

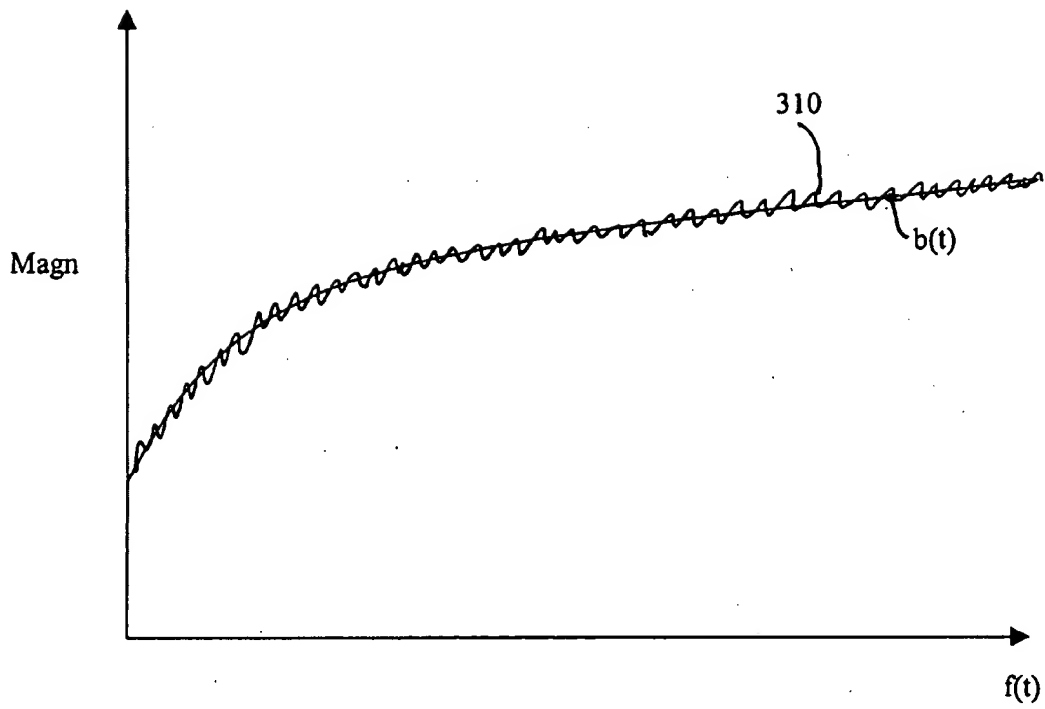


FIG. 3

CONCATENATIVE TEXT-TO-
SPEECH SYNTHESIS SYSTEM 400

USER SPECIFIES THE TEXT TO BE SYNTHESIZED

410

USE TEXT SPECIFIED BY USER TO
SELECT SEGMENTS OF SPEECH

420

CALCULATE TARGET PITCH
CONTOUR USING STATISTICAL
METHODS

450

CONCATENATE SEGMENTS OF
SPEECH

430

FORM PIECEWISE LINEAR
CONTOUR

460

ADD NARROW BAND, LOW
FREQUENCY NOISE SIGNAL, $p(t)$,
TO PITCH CONTOUR, $b(t)$,

470

USER SPECIFIES THE TEXT TO BE SYNTHESIZED

410

END

FIG. 4

00732402-100700